

Express Mail Label No.: EV695513335US  
Date of Deposit: December 15, 2005

IAP4 Re PCT/PTO 15 DEC 2005 #3  
Attorney Docket No. 25421-502 NATL

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS : Cosson et al.  
SERIAL NUMBER : 10/536,606  
FILING DATE : May 26, 2005  
FOR : Virulence Genes, Proteins, and Their Use  
EXAMINER : Not Yet Assigned  
ART UNIT : Not Yet Assigned

MAIL STOP MISSING PARTS  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

TRANSMITTAL LETTER

Transmitted herewith for filing in the present application are the following documents:

1. Response to Notification of Missing Requirements; (1 page)
2. Copy of Notification of Missing Requirements Under 35 U.S.C. 371 in the United States Designated/Elected Office (2 pages);
3. Combined Declaration and Power of Attorney (3 pages);
4. Check No. 21636 in the amount of \$65.00 to cover surcharge;
5. Computer Readable Form of the Sequence Listing (1 diskette);
6. Statement in Support of Computer Readable Form Submission (1 page); and
7. Return Postcard.

Repln. Ref: 04/10/2006 KWILLIAM 0015540500  
DAH:500311 Name/Number:10536606  
FC:2617

Although Applicants believe that no additional fees are due in connection with this submission, the Commissioner is authorized to credit any overpayment or charge any deficiencies to Deposit Account No. 50-0311 (Reference No. 25421-502 NATL). A duplicate copy of this transmittal letter is enclosed.

If the enclosed papers are considered incomplete, the Mail Room is respectfully requested to contact the undersigned collect at (617) 542-6000, Boston, Massachusetts.

Respectfully submitted,

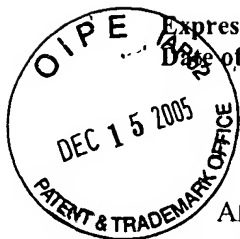
Ivor R. Elrifi, Reg. No. 39,529  
Christina K. Stock, Reg. No. 45,899  
Gregory J. Sieczkiewicz, Reg. No. 48,223  
Attorneys for Applicants  
c/o MINTZ, LEVIN  
One Financial Center  
Boston, Massachusetts 02111  
Tel: (617) 542-6000  
Fax: (617) 542-2241

Customer No. 30623

Adjustment date: 04/10/2006 KWILLIAM  
12/27/2005 MKAYPAGH 00000036 10536606  
01 FC:2617 -65.00 OP  
Dated: December 15, 2005

12/27/2005 MKAYPAGH 00000036 10536606  
01 FC:2617 65.00 OP

The PTO did not receive the following  
listed item(s) 1 diskette



Express Mail Label No.: EV695513335US  
Date of Deposit: December 15, 2005

Attorney Docket No. 25421-502 NATL

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANTS : Cosson et al.  
SERIAL NUMBER : 10/536,606 EXAMINER : Not Yet Assigned  
FILING DATE : May 26, 2005 ART UNIT : Not Yet Assigned  
FOR : Virulence Genes, Proteins, and Their Use

**MAIL STOP MISSING PARTS**

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

**RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS**

In response to the Notice To File Missing Requirements Under 25 U.S.C. 371 in the United States Designated/Elected Office (DO/EO/US), Applicants submit herein a copy of the Notification of Missing Requirements, an executed Combined Declaration and Power of Attorney for Patent Application, payment of the surcharge for late filing (\$65.00) set forth in 37 C.F.R. § 1.16(e), Initial Computer Readable Form Copy of the Sequence Listing, and Statement in Support of Computer Readable Form Submission Under 37 CFR § 1.821(f). This response is due on or before December 18, 2005. Please charge any additional fees that may be due, or credit any overpayment of same, to Deposit Account No. 50-0311, Reference No. 25421-502 NATL.

Respectfully submitted,

Dated: December 15, 2005

Ivor R. Elrifi, Reg. No. 39,529  
Christina K. Stock, Reg. No. 45,899  
Gregory J. Sieczkiewicz, Reg. No. 48,223  
Attorneys for Applicants  
c/o MINTZ, LEVIN  
One Financial Center  
Boston, Massachusetts 02111  
Tel: (617) 542-6000  
Fax: (617) 542-2241  
Customer No. 30623



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/536,606	Pierre Cosson	25421-502 NATL

INTERNATIONAL APPLICATION NO.
-------------------------------

PCT/CH03/00836

I.A. FILING DATE	PRIORITY DATE
12/19/2003	12/20/2002

Ivor R Elrifi  
Mintz Levin Cohn Ferris Glovsky and Pepeo  
One Financial Center  
Boston, MA 02111

CONFIRMATION NO. 9304

371 FORMALITIES LETTER



\*OC000000017249130\*

Date Mailed: 10/18/2005

**NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Indication of Small Entity Status
- Copy of the International Application filed on 05/26/2005
- Copy of the International Search Report filed on 05/26/2005
- Copy of IPE Report filed on 05/26/2005
- Biochemical Sequence Listing filed on 05/26/2005
- U.S. Basic National Fees filed on 05/26/2005

Done By	12/18/05
<input checked="" type="checkbox"/> Data Entry	
<input checked="" type="checkbox"/> Docket Entry	
<input type="checkbox"/> Docket Cross Off	
<input type="checkbox"/> Previously Entered	
<input type="checkbox"/> No Docketing Req	
<input type="checkbox"/> ELITE	
<input type="checkbox"/> Annuities	

RECEIVED

OCT 27 2005

MINTZ LEVIN, BOSTON  
PATENT DOCKET DEPT

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- This application does not contain a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). Applicant must provide such statement. If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000).
- A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 CFR 1.821(e). If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000). Applicant must provide an initial computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If applicant desires the

sequence listing in the instant application to be identical with that of another application on file in the U.S. Patent and Trademark Office, such request in accordance with 37 CFR 1.821(e) may be submitted in lieu of a new CRF.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is cautioned that correction of the above items may cause the specification and drawings page count to exceed 100 pages. If the specification and drawings exceed 100 pages, applicant will need to submit the required application size fee.

**For questions regarding compliance to 37 CFR 1.821-1.825 requirements, please contact:**

- For Rules Interpretation, call (571) 272-0951
- For Patent Software Program Help, call Patent EBC at 1-866-217-9197 or directly at 703-305-3028 / 703-308-6845 between the hours of 6 a.m. and 12 midnight, Monday through Friday, EST.
- Send e-mail correspondence for Patent Software Program Help @ [ebc@uspto.gov](mailto:ebc@uspto.gov)

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

KAREN M WILLIAMS

Telephone: (703) 308-9140 EXT 213

**PART 1 - ATTORNEY/APPLICANT COPY**

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/536,606	PCT/CH03/00836	25421-502 NATL